

100746-1P US

**COMBINED DECLARATION AND POWER OF ATTORNEY**

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter that is claimed and for which a patent is sought on the invention entitled:

**6H-THIENO[2,3-b]PYRROLE DERIVATIVES AS ANTAGONISTS OF GONADOTROPIN RELEASING HORMONE (GNRH)**

the specification of which:

- OR* ☐ is attached hereto.
- OR* ☐ was filed on \_\_\_\_\_ with Express Mail No. \_\_\_\_\_ (Application Number not yet known).
- ☒ was filed on 19 August 2003 (19.08.2003) as United States Application Number or PCT International Application Number PCT/GB2003/003631 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56.

I hereby claim the benefit under Title 35, United States Code, §119(e)(1) of any United States provisional application(s) listed below:

U.S. Serial No.	Filing Date	Status
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I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information I know to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Serial No.	Filing Date	Status
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I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application designating at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

Country	Application No.	Filing Date	Priority Claimed	
EP	02292074.8	21 August 2002 (21.08.2002)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
			<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby appoint all registered practitioners associated with **Customer Number 44992** to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to:

Customer Number 44992

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Inventor: FOOTE, Kevin, Michael 1.00

Inventor's Signature: Kevin Michael Foote Date: 8th February 05

Residence Address: Macclesfield, England ENG

Citizenship: GB

Post Office Address: AstraZeneca R&D Alderley, Alderley Park, Macclesfield, Cheshire SK10 4TG, England

Full Name of Inventor: MATUSIAK, Zbigniew 2.00

Inventor's Signature: Zbigniew Matusiak Date: 4th February 2005

Residence Address: Macclesfield, England ENG

Citizenship: GB

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Full Name of Inventor: DOSSETTER, Alexander, Graham 3.00

Inventor's Signature: Alexander Dossetter Date: 9th Feb 2005

Residence Address: Macclesfield, England ENG

Citizenship: GB

Post Office Address: AstraZeneca R&D Alderley, Alderley Park, Macclesfield, Cheshire SK10 4TG, England

Full Name of Inventor: ARNOULD, Jean, Claude 4-00Inventor's Signature: Jean Claude ArnouldDate: 1<sup>st</sup> February 2005Residence Address: Reims, France FRX

Citizenship: FR

Post Office Address: AstraZeneca R &amp; D Reims, Z.I. La Pompelle, BP 1050, F-51689, Reims Cedex 2, France

Full Name of Inventor: LAMORLETTE, Maryannick, Andree 5-00Inventor's Signature: Maryannick LamorletteDate: 1<sup>st</sup> February 2005Residence Address: Reims, France FRX

Citizenship: FR

Post Office Address: AstraZeneca R&amp;D Alderley, Alderley Park, Macclesfield, Cheshire SK10 4TG, England

Full Name of Inventor: DELOUVRIE, Benedicte 6-00Inventor's Signature: Benedicte DelouvrieDate: 1<sup>st</sup> February 2005Residence Address: Reims, France FRX

Citizenship: FR

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Full Name of Inventor: HAMON, Annie 7-00Inventor's Signature: HAMON ANNIEDate: 1<sup>er</sup> Février 2005Residence Address: Reims, France FRX

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Post Office Address: AstraZeneca R &amp; D Reims, Z.I. La Pompelle, BP 1050, F-51689, Reims Cedex 2, France

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## POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☒ Practitioners associated with the Customer Number:

44992

OR

☒ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number	Name	Registration Number
Lucy Clare Padget	Ltd Recognition		
Christine Catherine McCormack	Ltd Recognition		

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☐

The address associated with Customer Number:

OR

<input type="checkbox"/> Firm or Individual Name			
Address			
City	State	Zip	
Country			
Telephone	Fax		

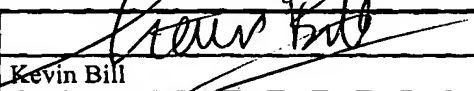
Assignee Name and Address:

AstraZeneca AB  
SE-151 85 Sodertalje  
Sweden

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

### SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date	4/2/05
Name	Kevin Bill	Telephone	+44 1625 512461
Title	Director of Patents		

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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DT12 Rec'd PCT/PTO 18 FEB 2005


**BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE  
UNITED STATES PATENT AND TRADEMARK OFFICE**

**LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)**

Dr. Christine McCormack is hereby given limited recognition under 37 CFR §10.9(b) as an employee of AstraZeneca Pharmaceuticals to prepare and prosecute patent applications wherein the assignee of record for the patent application is AstraZeneca Pharmaceuticals, and the attorney or agent of record in the applications is a registered practitioner who is an employee of AstraZeneca Pharmaceuticals. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Dr. Christine McCormack ceases to lawfully reside in the United States, (ii) Dr. Christine McCormack's employment with AstraZeneca Pharmaceuticals ceases or is terminated, or (iii) Dr. Christine McCormack ceases to remain or reside in the United States on an H-1B visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

**Expires: May 28, 2005**



Harry I. Moatz

Director of Enrollment and Discipline

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: AstraZeneca AB

Application No./Patent No.: PCT/GB03/03631 Filed/Issue Date: 19 August 2003

Entitled: 6H-THIENO[2,3-b]PYRROLE DERIVATIVES AS ANTAGONISTS OF GONADOTROPIN RELEASING HORMONE (GNRH)

AstraZeneca AB

(Name of Assignee)

Corporation

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Footo et al To: AstraZeneca AB  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Kevin Bill  
Signature

Kevin Bill

Printed or Typed Name

Director of Patents

Title

11 February 2005

Date

+44 1625 512461

Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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